PRIMA XT3702

MODEL

SERVICE MANUAL

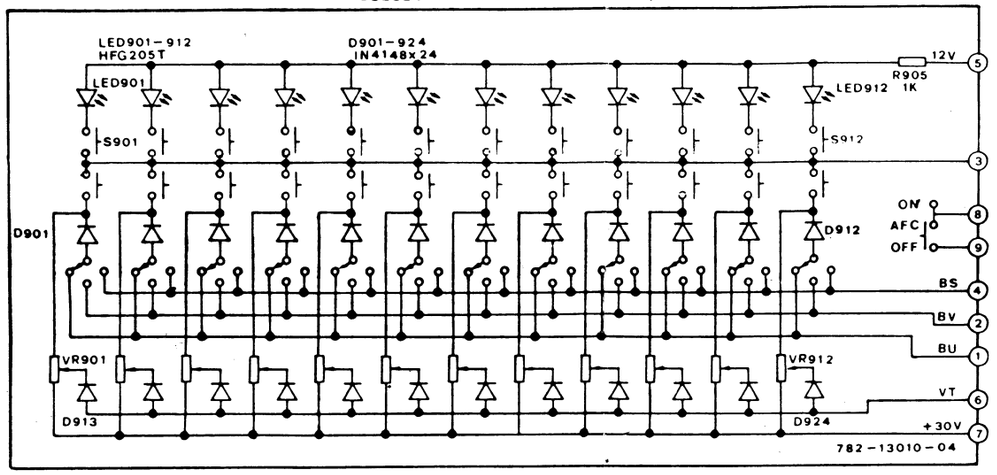
MODEL XT-3702 PRIMA

SCHEMATIC DIAGRAM

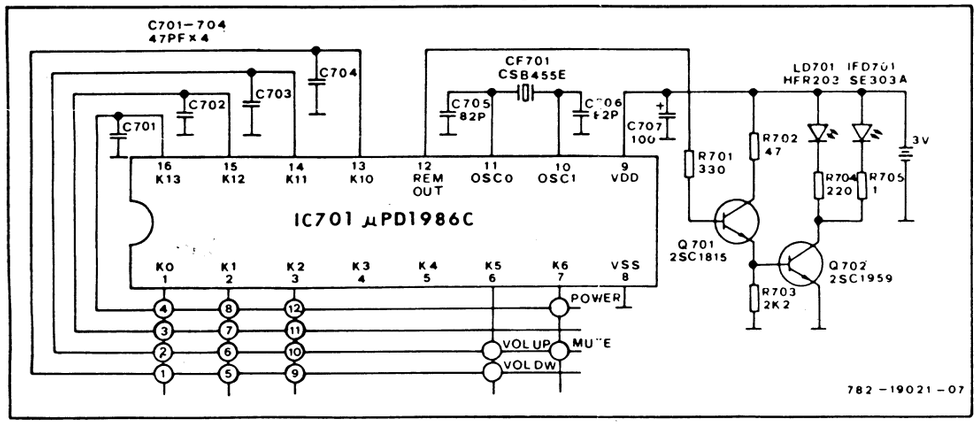
12 Progr. quad tuner

+FB

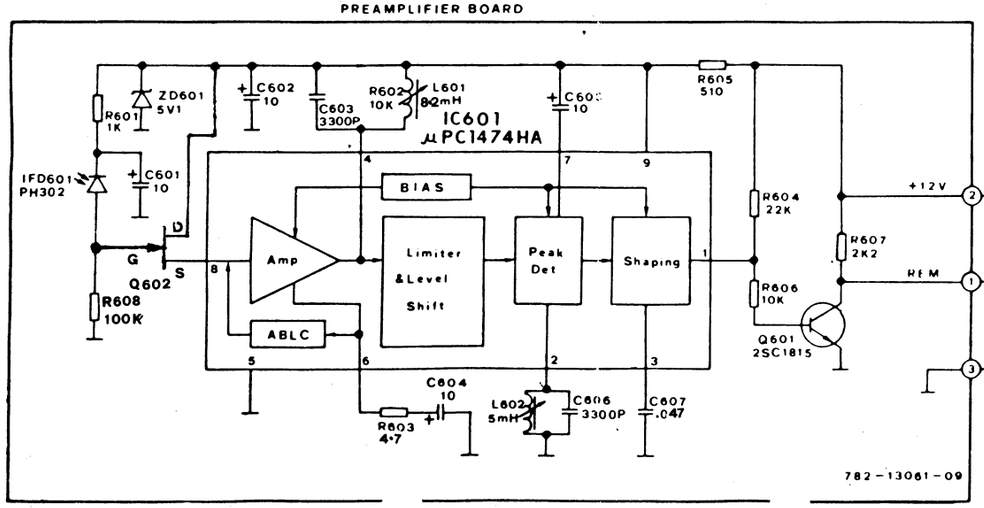
PRESELECTOR BOARD (for without remote control)



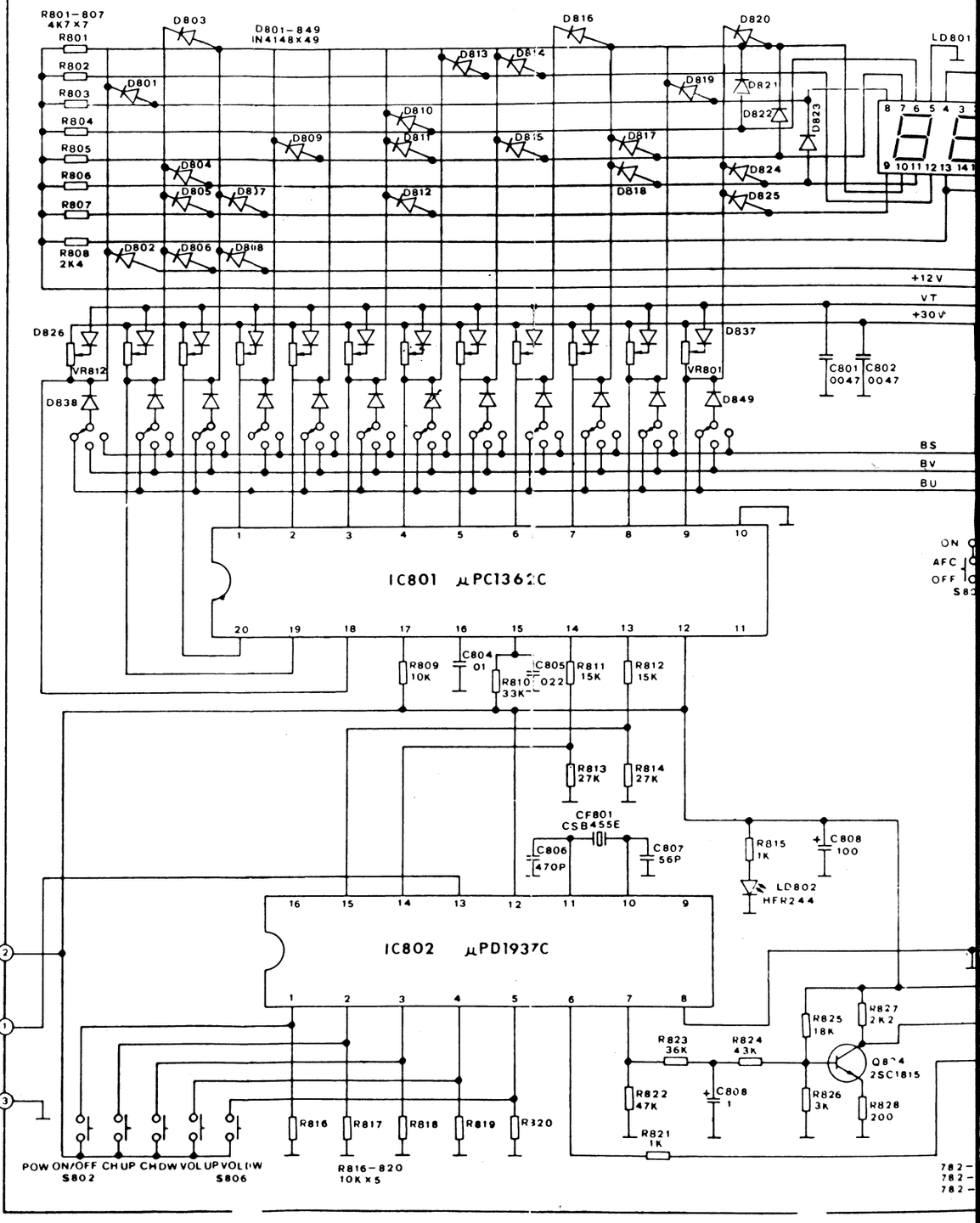
REMOTE CONTROL TRANSMITTER BOARD



PREAMPLIFIER BOARD

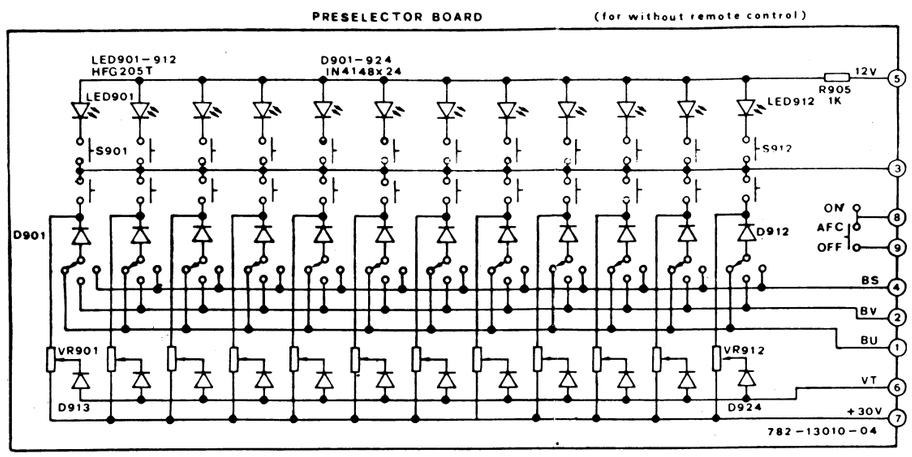


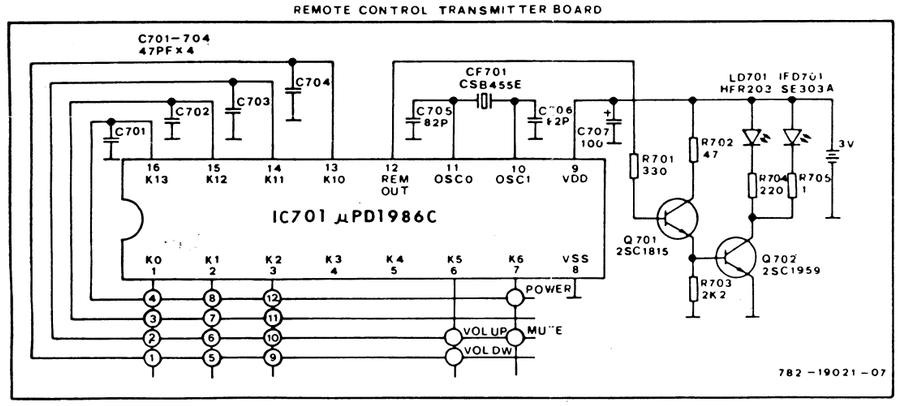
CHANNEL SELECTOR AND REMOTE CONTROL RECEIVER BOARD (for with remote c

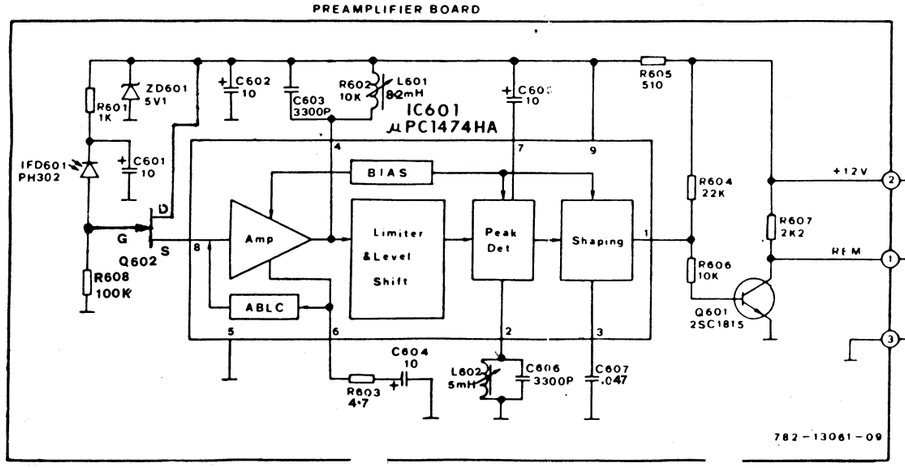


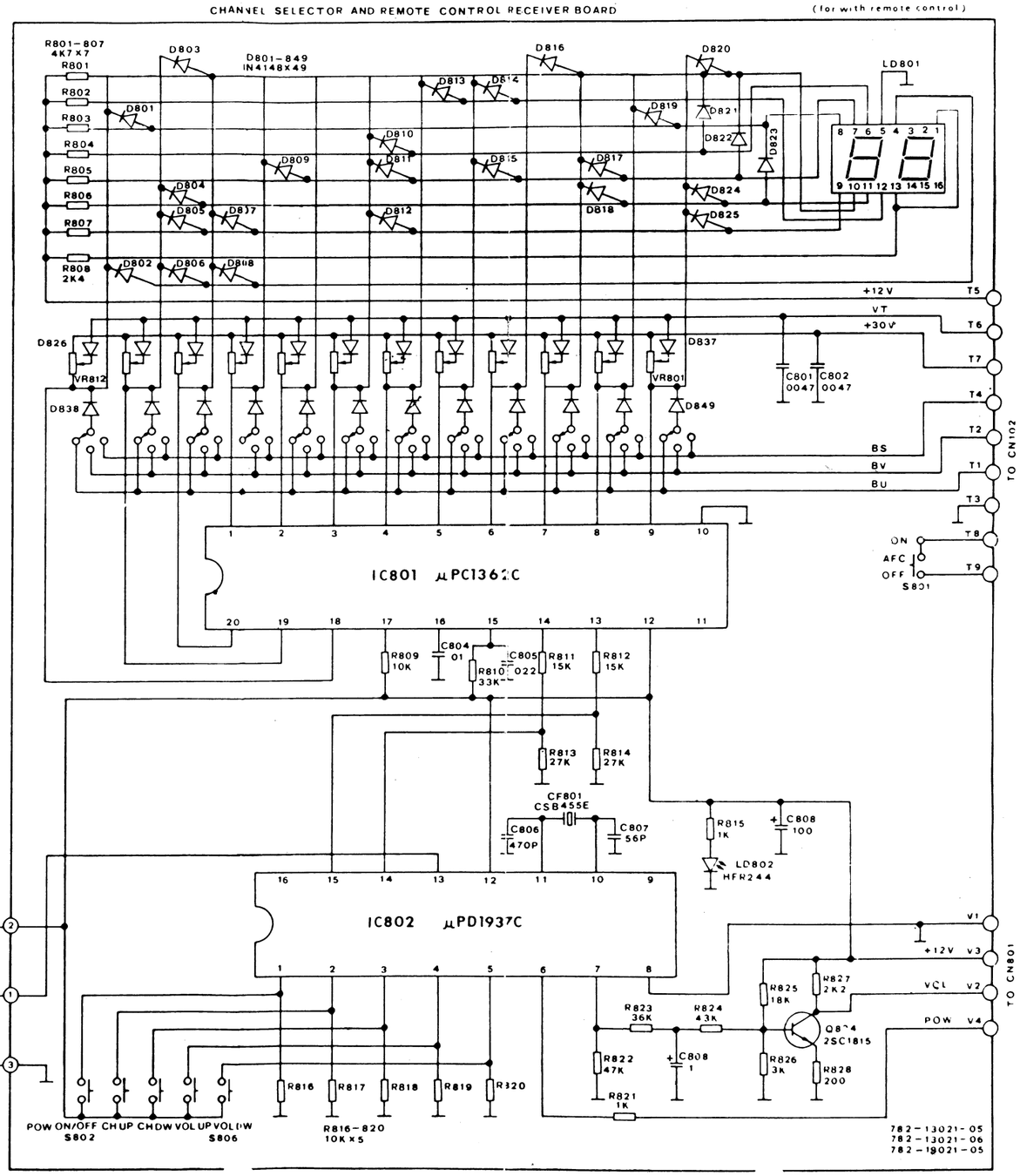
MODEL XT-3702 PRIMA

SCHEMATIC DIAGRAM 12 Progr. +FB





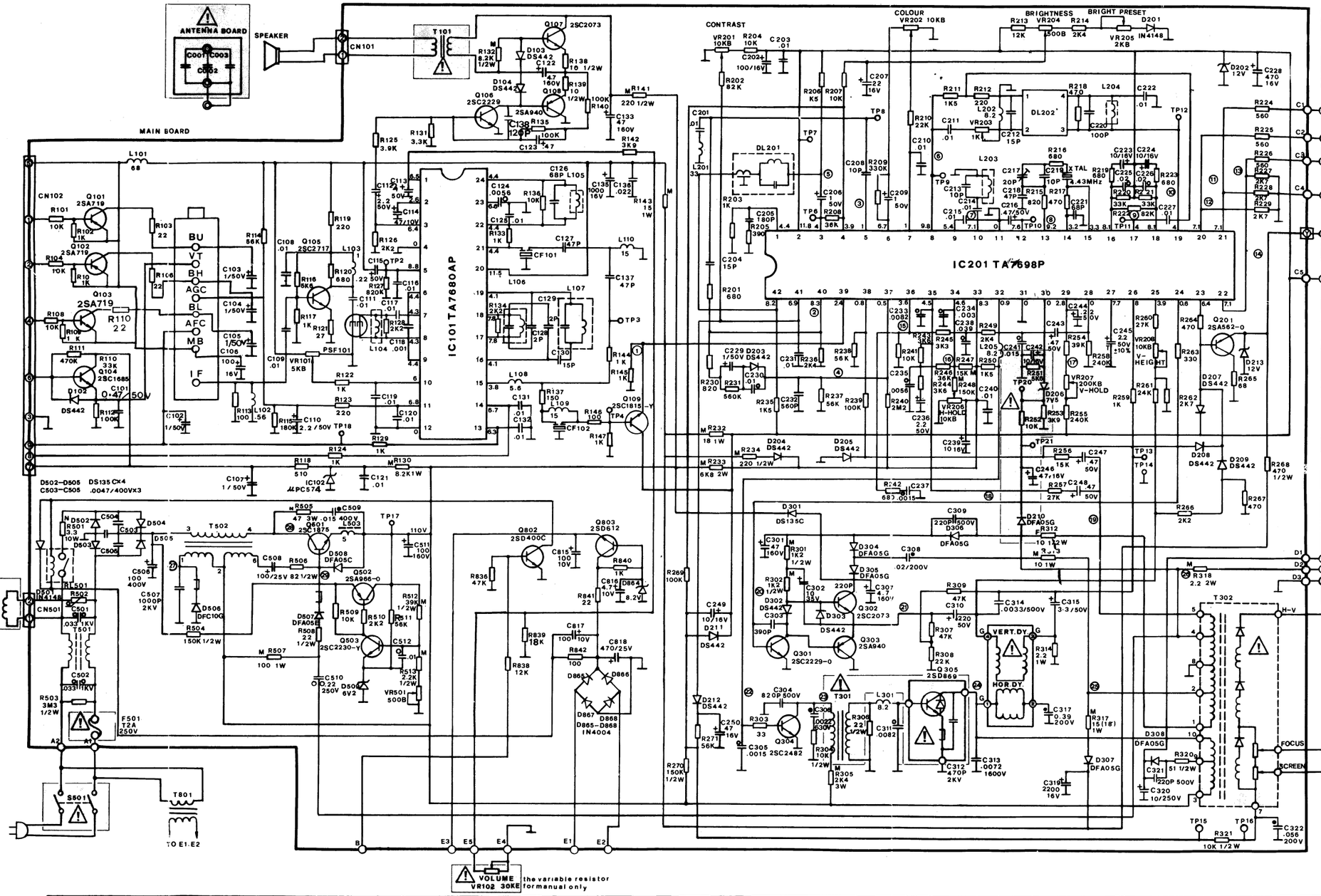


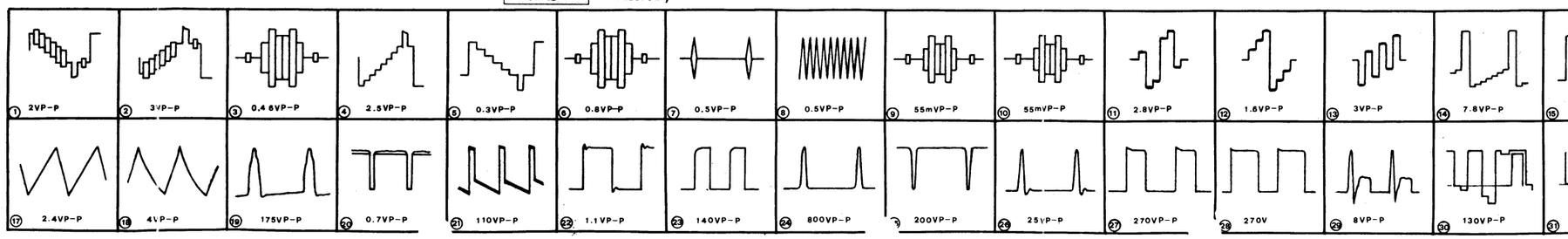


CAUTION: All the parts in the schemaic diagram marked with shadows and the signs of ⚠ are extremely important for safety. In case of replacement of any part of the components, Be sure to consult the service manual carefully..

1. The schematic diagram is characteristic. The various values in the electric circuits are basic data, which are changeable according to the various basic circuits.
2. Testing waves are obtained by inputing the standard coloured bar of the signed.
3. Resistance unit is in Ohm, namely:
   K=1000 M=1000K
   Capacitance unit is in μF.
   P=μμF ($\mu=10^{-6}$)
4. All resistors are 1/4W unless otherwise noted inside. All capacitors are 50 WV.
5. Inductance unit is in μH.
6. The mark ⊕ in the diagram means Ferrite ring.
7. Some circuits which element number begin with "8" (Q802, R836 etc.) are used only in Remote Controlled set. For manual-control set, the ARC line with arrow must be connected to E5 by the Jumper Line in order to control volume by potentiometer.
8. The symbols of various types of resistors and capacitors are listed as follows:

Carbon Film		Ceramic	
Metal Film	M	AC Ceramic	AC
Fusible	F	Polyester	
Non-Inflammable	N	Polypropylene	
Thermistor	Q	Metal Polyester	
Potentiometer		Aluminium	
		Tantalum	
		Trimmer	





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	Ceramic		
M	AC Ceramic	AC	
F	Polyester		
N	Polypropylene		
	Metal Polyester		
	Aluminium		
	Tantalum		
	Trimmer		

ANTENNA BOARD
C001 C003 C002
SPEAKER
CN101
T101
MAIN BOARD
CRT BOARD
CONTRAST VR201 10KB
COLOUR VR202 10KB
BRIGHTNESS VR204 500B
BRIGHT PRESET VR205 2KB
IC101 TA7680AP
IC201 TA7698P
DEGAUSS COIL
F501 T2A 250V
S601
T801
TO E1.E2
VOLUME VR102 30KE the variable resistor for manual only
C.R.T.
FOCUS
SCREEN
H-V
VERT.DY
HOR.DY

1 2VP-P
2 3VP-P
3 0.4 6VP-P
4 2.5VP-P
5 0.3VP-P
6 0.8VP-P
7 0.5VP-P
8 0.5VP-P
9 55mVP-P
10 55mVP-P
11 2.8VP-P
12 1.6VP-P
13 3VP-P
14 7.8VP-P
15 8VP-P
16 3VP-P
17 2.4VP-P
18 4VP-P
19 175VP-P
20 0.7VP-P
21 110VP-P
22 1.1VP-P
23 140VP-P
24 800VP-P
25 200VP-P
26 25VP-P
27 270VP-P
28 270V
29 8VP-P
30 130VP-P
31 110VP-P
32 120VP-P